

# Highlights

## A. Important work done in last two years around Jaipur

- 1. Laundry:** Northwestern Railway's first Built, Own, Operate and Transfer (BOOT) Model mechanized laundry established near bridge no. 81 of JP-SWM section Kartarpura (Baisgodama) Jaipur M/S Sparkel Laundry Service Vishakapattanam -20 . The laundry is established with the aim improving the quality of linen supplied to the passengers. The laundry set on 1800 M<sup>2</sup> ( 90M x 20M) railway land on a 10 year agreement and after 10 Year the complete ownership of the infrastructure will be transferred to the railway.

### **Mechanized Laundry Boot Model at Glance**

- Capacity: 7 Tonne per day in two eight Hours shift (3.5 Tonne per shift)
- Cost of work : 43.60 Crores
- Date of commence of work : 27.04.16.
- Load : The laundry is established to cater load Jaipur depot ( 3.5 Tonne per day) and Ajmer depot ( 3 Tonne per day)
- Wsahers : ( 10 Nos ) each 100 kg capacity and having auto dosing system
- Tumbler Drier: (02 nos) 100 kg capacity each
- Chest heated ironer :02
- Auto feeder and folder : 1
- Boiler : 01 coal fired /agro waste briquettes fired 1500 kg and 01 Dieel fired 600 kg capacity
- Water softer plant : 01 capacity 75 Litre per hour
- Effulent treatment plant 75 KLD
- Compressor -1
- Stand by DG set 160 KVA/128 KW
- The luandary can wash Bed sheet , face towel, pillow cover , blanket and curtain etc.

### **2. Solid Waste Management Plant :**

In view of SWACHCH Bharat mission, solid waste management plant has been commissioned at washing line of Jaipur station on 11.03.16. Capacity of plant is to decompose 0.5 Ton biodegradable waste into Bio gas and Manure. Bio gas generated is being utilized for cooking food in running room and manure received as byproduct is utilized for plant nursing. Cost of plant for installation and operation for two years is ₹42 Lakhs.

### **3. Water Recycling Plant.**

In view of water being of precious natural resources especially in dry state like Rajasthan. Water Recycling Plant (WRP) has been installed on 30.06.16 at washing line Jaipur station. In this plant, water after use from washing of coaches /rakes is recycled to clean water and reused for washing of coaches. Capacity of plant is 0.5 MLD. Cost of plant is ₹89 Lakh including 5 yrs operation and maintenance cost.

#### **4. Bio-Toilet**

**Bio Toilet Lab** Population of bio-toilet in coaches is increasing day by day .Total no. of bio-toilet tanks fitted in 176 coaches are 594. Testing of bio-toilet water on mandatory parameters viz. pH value, Total solid test, Total dissolved test, Total voltaic solid test. Chemical Oxygen Demand (COD) test Total fecal coliform test are essential for evaluate performance of Bio-toilet. Bio- Toilet lab has been commissioned at Coach care complex on 26.05.15 for in-house testing of samples.

#### **Bio-Toilet Apron**

Bio-toilet tank unit having problems of severe chocking of Bio- toilet pan which cannot be attended on rake are brought to sickline for unit replacement. This method ensures quick replacement of bio- tank for easy maintenance. Cost is approximately ₹10 Lakhs .

**Bio- toilet Evacuator Machine:** Bio toilet Evacuator Machine has been developed inhouse to attend choking cases of biotanks and thereby reducing staff complaints and ease in maintenance.

#### **5. Coach Gallery :**

Coach gallery is a conceptual model of coach which was fabricated by in-house staff. Various important components of coach along with it's historical evolution of have been displayed in the gallery for imparting knowledge about Railway to school/college.

**6.** 02 nos. Prefabricated portable cabin at Jaipur station provided at platform of Jaipur station for use of train duty C&W staff. This gives better work environment for the staff .

**7. Provision of Air Roof ventilator at coach care complex Store:** Air Roof Ventilator" provided in store of Coach Care Complex, Jaipur. This has eliminated problem of poor ventilation and light in the store.

**8. Accreditation of IMS to coaching depot JP on 11.03.16 for 03 years .**

### **B. Passenger Facilitation initiatives in last two years**

1. CleanMy Coach web based application for providing on demand cleaning services by OBHS staff.
2. Automatic Hygiene and odour control (AHOC) system & Automatic odour control(AOC) system provided in 05 coaches of 12035 /12036 JP-AF-JP Shatabadi express for pleasing environment to passengers. These are battery operated machine sprinkling air freshener liquid in coaches/toilets at predetermined interval of time.
3. Vinyl Belli board and Destination boards provided in Rake of 12035/36 Jp-AF-JP shtabadi Express

4. Clip board provided in lavatories of 12035/36 JP-AF-JP shatabadi Express for recording cleaning of lavatories at interval of half an hour.
5. Chemical dosing dispenser provided at washing line.
6. New ISO sinages viz "fire extinguishers" , "dustbin" , "water not for drinking" , "no smoking" , etc provided in all AC coaches for awareness of passengers.
7. Head rest cover provided in chair cars of Train no. 12035/36 JP-AF Shatabadi express and disposal head rest cover in executive chair car.
8. Disposable head rest cover has been provided in coaches of double decker express as a mark of improvement in passenger satisfaction under Swachchh Bharat mission.
9. Printed cover on blankets provided in first AC coaches of JP based trains.
10. Belly boards in vernacular language in addition to existing Hindi & English provided in JP based train
11. Automatic soap dispenser provided in coaches of Double Decker train.
12. "No tips please" wages implemented in all OBHS train.
13. Exterior and interior cleaning of Rakes at washing line, Jaipur is being done by Jet Control Gun for better cleaning as well to avoid wastage of water.
14. Mechanised cleaning of coaches of nominated by pass Mail/express/ Superfast trains from platforms of Jaipur station for a period of 2 years under Clean Train Station.
15. Annual Maintenance contract work of Aqua guard & RO (Kent make which is in WCB, Double Decker coaches) in coach maintenance line for a period of one year.
16. Seat cover dispenser provided in executive car of shatabadi coaches.
17. Work of Supply and application of Vinyle graphics in Executive & AC Chair car coaches of Jaipur based train no. 12035/36 JP-AF-JP Shatabadi express under Project Swarn Scheme carried out.
18. Work of Supply of floor coat and apply on FRP modular toilet in Train No. 12035/36 JP-AF-JP Shatabadi express under Swarn Project Scheme carried out

